



COAL OWNED BY M. A. Hanna Coal Company
 Storage
 NEW LOCATION
 DRILL DEEPER
 ABANDONMENT

COMPANY The Manufacturers Light And Heat Company
 ADDRESS 800 Union Trust Bldg. Pittsburgh, Penna.
 FARM Blair Clark
 P-25/3 ACRES 133 LEASE NO. 3957
 WELL (FARM) NO. 3 SERIAL NO. L-4792
 ELEVATION (SPIRIT LEVEL) 1332'
 QUADRANGLE Littleton W.V. & Pa. 7 1/2' N C
 COUNTY Marshall DISTRICT Liberty
 POINT OF TRIANGULATION
U.S.G.S. B.M. B-127
 FILE NO. _____ DRAWING No. Y-25-716
 DATE April 5, 1963 SCALE 1" = 800'

STATE OF WEST VIRGINIA
 DEPARTMENT OF MINES
 OIL AND GAS DIVISION
 CHARLESTON
WELL LOCATION MAP
 FILE No. MARS-493

+ DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS. SCALE 1 TO 62,500. LATITUDE AND LONGITUDE LINES BEING REPRESENTED BY BORDER LINES AS SHOWN.
 - DENOTES ONE INCH SPACES ON BORDER LINE OF ORIGINAL TRACING.



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION

Quadrangle Littleton

WELL RECORD

Permit No. MARS-493

Oil or Gas Well GAS
Storage
(KMS)

Company The Mfrs. Lt. and Ht. Co.
Address 800 Union Trust Bldg., Pittsburgh 19, Pa.
Farm Blair Clark Acres 133
Location (waters) _____
Well No. 4792 Elev. 1332.00'
District Liberty County Marshall
The surface of tract is owned in fee by _____
Address _____
Mineral rights are owned by _____
Address _____
Drilling commenced May 11, 1963
Drilling completed May 21, 1963
Date Shot 5/2/63 From Maxton To Big Injun
With Orifice Gas Well Tester
Open Flow 1/10ths Water in _____ Inch
3.4 /10ths Merc. in 1 1/2 Inch
Volume 453.122 Cu. Ft.
Rock Pressure 410 lbs. 24 hrs.
Oil _____ bbls., 1st 24 hrs.
Fresh water _____ feet
Salt water _____ feet

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			
16			Kind of Packer
18 3/8"	34'	34'	
10			Size of
8 5/8"	1077'	1077'	
6 5 1/2"	2316'	2316'	Depth set
5 3/16			
2			Perf. top
2			Perf. bottom
Liners Used			Perf. top
			Perf. bottom

CASING CEMENTED _____ SIZE _____ No. Ft. _____ Date _____
COAL WAS ENCOUNTERED AT 1014 FEET _____ INCHES
_____ FEET _____ INCHES FEET _____ INCHES
_____ FEET _____ INCHES FEET _____ INCHES

Formation	Color	THICKNESS	Top	Bottom	Oil, Gas or Water	Depth Found	Remarks
✓ Pittsburgh Coal		8	1014	1022	Gas 4.982(MF)		
✓ Murphy Sand		18	1115	1133			
✓ Big Dunkard		76	1512	1588			
✓ 1st Salt Sand <i>2nd C.R.</i>		13	1694	1707			
✓ 3rd Salt Sand <i>2nd</i>		28	1884	1912			
✓ Maxton Sand		24	2020	2044	Perforated	2022 to 2032'	
					Perforated	2036 to 2044'	
✓ Big Lime		38	2130	2168	Perforated	2174 to 2180'	
✓ Big Injun Sand			2171		Perforated	2184 to 2190'	
Total Depth				2292'			
5 1/2" Float Shoe set at				2316'	2130	2168	
5 1/2" Insert Float Ok. Valve at				2299'	1332	1332	
					798	836	

